

NPIC ROUTING SLIP

FROM:

Ch/TID

DATE:

21 Jan 65

	TO	INITIALS	DATE	REMARKS
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LO/NSA				

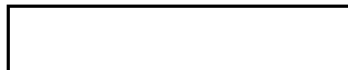
Declass Review by NGA.

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TID-28/65
21 January 1965

MEMORANDUM FOR: Assistant for Plans and Development Staff, NPIC

ATTENTION:



SUBJECT: High Resolution Microscope

1. The High Resolution Microscope Viewing Table, Model GFL-940 MC, manufactured by the [redacted] has received extensive utilization by TSB personnel since its installation in December 1964. The unit, which incorporates a [redacted] microscope in conjunction with a light table viewing surface, has proven to be a well designed tool, useful in film evaluation. The capability of the microscope to accept either a Polaroid or 35mm camera enables its use in photomicrography. The table is functional and well suited to the use of roll film.

2. Suggested minor changes are:

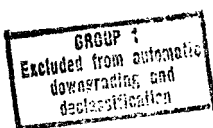
a. The segmented rollers, over which the film travels, abrade the material and make the use of original negatives extremely hazardous. It is suggested that the segmented rollers be replaced with solid rollers.

b. The brushes used as a means of holding the film in the plane of focus when viewing through the microscope, tend to severely abrade the material if it is moved before the brushes are released. The clamping action is not sufficient to prevent occasional movement of the film when the microscope is being used. It is recommended that spring loaded, felt padded clamps with sufficient tension to secure the film be used in place of the brushes.

3. It is suggested that a cover be supplied with each table to aid in keeping the viewing surface and microscope clean and dust free.



Chief, Technical Intelligence Division



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TID-28/65

SUBJECT: High Resolution Microscope

Distribution:

Orig - addressee ✓
1 - Ch/NPIC/TID
1 - TSB - chrono
1 - TSB - equipment and supplies - 8

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